Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 18 Dec 2023 until 23:59 on Tuesday 19 Dec 2023

Forecast Issued on Sunday 17 Dec 2023 at 16:05

Confidence: High for unsettled and increasingly cold and windy conditions through the forecast period but lower for timing of clearance of rain on Monday and again Wednesday.

Headline for Monday 18 Dec 2023: Cloudy with occasionally heavy rain, drier this evening. Strong winds.

Mountain weather hazards on Monday 18 Dec 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Light rain	Heavy Rain	Light rain	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
70%	70%	70%	70%	>95%	70%	20%	<05%

Forecast for Monday 18 Dec 2023

Weather: Continuing cloudy with further outbreaks of rain, the rain most persistent and occasionally heavy across western and southern fells, although some persistent and heavy rain likely widely across the area around the middle of the day. This will lead to some fast flowing water courses and saturated ground. During the afternoon the rain becomes lighter and patchier before clearing away south to leave a mainly dry evening with long clear spells developing.

Chance of cloud-free hill tops above 800m: Little chance through much of the day gradually improving to around 90% through the late afternoon and evening.

Low cloud and visibility: Periods or persistent cloud above 450-600m, locally 750m in the north and east, lowering to 300m, with patches below, across southern and western fells, especially in heavier rain, cloud gradually breaking and lifting through the late afternoon and evening. Away from cloud visibility rather hazy and falling to just a few kilometres in heavier rain, but becoming good or very good through the later afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 18 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	42/50 SW	34/40 SW	32/38 SW	35/42 SW	40/50 SW	35/44 W	31/38 W	24/30 W	20/25 SW
600	30/40 SW	24/31 SW	21/28 SW	24/32 SW	30/40 SW	25/35 W	24/34 W	19/27 W	16/22 SW
300	13/31 SW	10/25 SW	8/22 SW	9/25 SW	12/30 SW	10/28 W	10/26 W	8/20 W	7/16 SW
Valley	11/28 SW	9/23 SW	8/21 SW	10/25 SW	12/29 SW	11/26 W	9/24 W	8/20 W	7/16 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	6/-1	6/0	6/1	6/0	7/0	5/-1	3/-4	3/-4	2/-4
600	7/2	8/3	8/4	8/3	8/3	7/2	5/-0	5/-0	4/-0
300	9/6	9/6	9/7	9/7	9/7	8/6	7/4	7/4	6/4
Valley	10/8	10/8	10/8	10/8	10/8	10/8	9/7	9/7	8/7
Freezing Level*	2800m	2500m	2400m	2200m	2100m	1800m	1400m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 55mph over ridges and summits along with heavy rain leading to a significant chill on the fells despite the mild temperatures.

Forecast for Tuesday 19 Dec 2023

Weather: Clear spells at first but cloud increasing bringing a few spots of rain through the early hours. The cloud clears soon after dawn to leave a much brighter day with some good spells of sunshine and, especially for western fells, scattered showers, these falling increasingly as snow above about 750m.

Maximum wind: Westerly 15-20mph increasing 25-30mph by midday, with gusts around 55mph over ridges and summits by evening.

Chance of cloud-free hill tops above 800m: Around 25% at first improving to 75%

Low cloud and visibility: Periods of cloud above 450-600m at first soon becoming more occasional above 600-750m. Away from cloud visibility good, falling to several kilometres in rain or showers and perhaps a kilometre in snow showers.

Temperature: **Valleys:** Around plus 5 or 6 Celsius at dawn and rising to plus 7 or 8 Celsius by day
At 800m: Around plus 1 Celsius
Freezing level: Around 900m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 17 December. Location: Carl Side at 12:14. Full report: Poor visibility, persistent light rain, and upland gales all combined to give a challenging day in the Lakeland fells today. The majority of the fells and paths are snow-free with just a few patches remaining above 750-800m on and around Helvellyn and its surrounding fells. These are generally found above 750-800m on north and east facing slopes. Popular routes such as Striding and Swirral Edge are also snow-free, however, a bank of snow remains on the popular Swirls path (which may be hard and icy with any overnight freezing). A similar day is expected tomorrow with the potential for heavy rain and strong winds, particularly in the morning. Despite the recent relatively mild temperatures, the wind chill (feels-like temperature) is often in the minus figures. Temperature: plus 5.9C. Maximum wind speed 30.4mph. Wind chill: minus 0.7C. Average wind speed: 24.7mph.

Issued at: 1605 on Sun 17 Dec 2023

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